

广西冬青属新种

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NEW TAXA OF ILEX FROM GUANGXI

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Key Words *Ilex*; *I. longzhouensis* C. J. Tseng; *I. reticulata* C. J. Tseng, *I. crenata* Thunb. var. *multicrenata* C. J. Tseng; *I. mamillata* C. Y. Wu; *I. austrosinensis* C. J. Tseng

关键词 冬青属; 龙州冬青; 网脉冬青; 多齿钝齿冬青; 乳突冬青; 两广冬青

1. 龙州冬青 新种

Ilex longzhouensis C. J. Tseng, sp. nov.

Affinis *I. ferrugineae* Hand. -Mazz., foliis majoribus utrinque laxe pubescentibus vel puberulis, costis supra planis vel subelevatis, nervis lateralibus nervulisque utrinque subelevatis conspicuis, pedunculis pedicellisque sub fructu brevioribus, stigmatibus persistentibus mamillatis, pyrenis majoribus differt.

Arber sempervirens 12 m alta. Ramul hornotini dense ferrugineo-villosi angulati et sulcati, gemma terminali ovoidea dense ferrugineo-villosa, biennes subteretes laxe pubescentes lenticellati, lenticellis orbicularibus vel ellipticis subelevatis. Folia tenuiter coriacea ovato-elliptica raro ovata 5—8 cm longa 2.5—3.5 cm lata apice breviter acuminata basi obtusa vel rotunda margine repandocrenulata supra olivascens utrinque praeter costam ferrugineo-villosam laxe pubescentia vel puberula, costa supra subelevata vel plana, nervis lateralibus utrinsecus 5—7 cum nervulis reticulatis utrinque subelevatis conspicuis; petioli 2—5 mm longi dense ferrugineo-villosi. Flores ignoti. Infructescentiae cymosae 1—3-fructiferae simplices axillares, pedunculo 3—5 mm longo cum pedicellis (2—3 mm longis) dense ferrugineo-villosis, bracteolis caducis ignotis. Fructus subglobosi 6.5 mm diam. maturi rubri, calyce persistente quinquangulato expanso dense pubescenti, lobis triangularibus ciliatis, stigmate persistente mamillato, pyrenis 5 oblongis 5 mm longis dorso 3 mm latis unicanaliculatis, endocarpiis lapideis.

Guangxi (广西): Longzhou (龙州), Zhubuqiu (逐卜区), Banbizhuang (板闭庄), alt.

550m, in silvis laxis, fr. rubri, 4 Oct. 1956, Li Zhi-ji (李治基) 3016 (Typus, IBG).

本种接近锈毛冬青 *I. ferruginea* Hand.-Mand., 但本种的叶较大, 两面疏被柔毛或短柔毛, 中脉上面平或近隆起, 侧脉和细脉两面近隆起, 明显, 花序梗和花梗在果期较短, 宿存柱头乳头状, 分核较大, 可与该种区别。

2. 网脉冬青 新种

Ilex reticulata C. J. Tseng, sp. nov.

Species foliis tenaci-coriaceis margine remote serratis, venulis reticulatis crebris conspicuis, fructibus solitariis axillaribus notabilis.

Frutex glaber 2 m altus. Ramuli hornotini striati brunnescentes, gemma terminali elongato-ovata, biennes teretes longitudinaliter fissurati lenticellati, lenticellis laxis ellipticis. Folia tenaci-coriacea elliptica 5—5.7 cm longa 3—3.2 cm lata apice acuta vel breviter acuminata basi cuneato-obtusa siccio supra atro-brunnea subtus brunnea praeter costam supra puberulam utrinque glabra margine remote serrata, costa supra plana vel dimidio inferiore elevata sursum gradatim plana vel impressa subtus elevata, nervis lateralibus utrinsecus 6—7 cum venularum retibus crebris supra subelevatis conspicuis subtus subconspicuis; petioli 4—5 mm longi. Flores ignoti. Fructus globosus circ. 5 mm diam, solitarius axillaris, calyce persistente glabro 5-loba, lobis, triangularibus ciliatis, stigmate persistente mamillato 4-loba, pedicellis circ. 7 mm longis, bracteolis triangularibus medifixis.

Guangxi (广西): Yangshuo (阳朔), Xianning Shan (仙娘山), in frutetis, fr. rubri, 11 Dec. 1963, Chen Zhao-zhou (陈照宙) 53862 (Typus, IBG; Isotypus, KUN).

本种的特征为: 叶初革质, 边缘有疏离锯齿, 脉网密而明显, 果单个腋生。

3. 多齿钝齿冬青 新变种

Ilex crenata Thunb. var. *multicrenata* C. J. Tseng, var. nov.

A typo ramulis hornotinis glabrescentibus, foliis margine crenulatis, crenulis utrinsecus 13—15 differt.

Guangxi (广西): Lingui (临桂), Chen Zhao-zhou (陈照宙) 51025; Longsheng (龙胜), Huangyangjie (黄杨界), frutex 1 m altus, fr. virid., 9 Aug. 1957, Li Zhong-ti (李中提) et Qin Hao-fu (覃灏富) 71000 (Typus, IBG).

本变种的当年生小枝变无毛, 叶边缘每侧有 13—15 小钝齿而与原变种不同。

4. 乳突冬青 新种

Ilex mamillata C. Y. Wu, sp. nov. in herbario

Species ramulis gracilibus cinerascensibus dense lenticellatis, foliis ellipticis vel elongato-ellipticis vel oblongo-ellipticis subtus inconspicue punctatis margine integris, inflorescentiis in ramulis hornotinis biennibus et triennibusque fasciculatis ab omnibus congeneris facile distinguenda.

Arbor vel frutex 3—10 m altus. Ramuli hornotini graciles glabri inconspicue angulati brunneoli lenticellati, lenticellis laxis orbicularibus vel ellipticis minimis, biennes subteretes cinerascens densissime lenticellati. Folia coriacea elongato-elliptica vel elliptica

vel oblongo-elliptica rare ovato-elliptica vel oblonga 6—10 cm longa 2—3.5 cm lata apice acuta vel obtusa raro breviter acuminata vel emarginata, acumine apice ipso mucronulato, basi obtusa vel cuneata praeter costam supra interdum puberulam utrinque glabra subtus inconspicue punctata margine integra, costa supra anguste impressa, nervis lateralibus utrinsecus 8—11 subtus plus supra minus conspicuis, nervulis crebris supra conspicuis subtus inconspicuis; petioli 3—7 mm longi supra canaliculati vel subplani puberuli vel glabrescentes. Inflorescentiae ♂ in foliorum axillis ramulorum hornotinorum et in axillis cicatricum foliorum biennium trienniumque fasciculatae; cymae 1—3 (—4)-florae, pedunculo 2—2.5 mm longo puberulo, pedicellis 4.5—6 mm longis puberulis, bracteolis triangularibus puberulis basifixis; flores ♂: calyx patelliformis puberulus 5-lobus, lobis triangulari-ovatis ciliolatis; petala 5 basi subconnata late oblonga 4 mm longa stamina patalis aequilonga; ovarium abortivum ovoideum; flores ♀ ignoti. Infructescentiae ut inflorescentiae 3—4 fasciculatae, uniflorae, pedicellis 6—8 mm longis puberulis, bracteolis triangularibus puberulis basifixis. Fructus globosi 5 mm diam maturi rubri, calyce 4—5-lobo puberulo, lobis late triangularibus ciliolatis, stigmate mammiformi vel columnari, pyrenis 5 ellipsoideis 3 mm longis dorso 2 mm latis striatis, striis endocarpiis adhaerentibus, endocarpiis coriaceis.

Guangxi (广西): Guilin (桂林), Yanshan (雁山), fl. albi, frutex, Mai. 1954, Deng Xian-fu (邓先福) 148 (Typus ♂, IBG); Ibid. loc., fr. viridis vel ruber, Nov. 13 1956, Liang Heng (梁恒) 100182; Ibid. loc., C. H. Tsoong (钟济新) 808370; Longzhou (龙州), S. H. Chun (陈少卿) 13314; Lingui (临桂), Liangfeng (良丰), L. H. Chun (陈立卿) 900061。

Yunnan (云南): sino loc., Y. P. Chang (张英伯) 1223。

本种的小枝纤细, 淡灰色, 有密的皮孔, 叶椭圆形, 长椭圆形或长圆状椭圆形, 下面有不明显的点, 边缘全缘, 花序在当年生、二年生和三年生小枝上簇生, 而与同属的其他种相区别。

5. 两广冬青 新种

Ilex austro-sinensis C. J. Tseng, sp. nov.

Species habitu *I. corallinae* Franch. similis, sed ramulis et costis foliorum inflorescentisque puberulis, foliis oblongis vel elliptico-oblongis, costa supra elevata, pedunculo pedicellisque inflorescentiae ♂ longioribus, staminibus sub antheri petalis paulo brevioribus, petalis ciliolatis, ovariis tuberculatis, stigmatibus capitatis differt.

Arbor vel frutex 3—12 m altus. Ramuli hornotini graciles striati brunnescentes puberuli vel glabrescentes, gemma terminali ovata 1 mm longa puberula. Folia coriacea vel tenuiter coriacea oblonga vel elliptico-oblonga vel ovato-elliptica 5—10 cm longa 2—4 cm lata apice acuminata, acumine 6—10 mm longo, basi rotunda vel obtusa sicco supra viridia vel olivascentia praeter costam puberulam utrinque glabra margine remote serrulata vel subintegra revoluta, costa supra elevata vel subplana vel dimidio inferiore elevata sursum gradatim subplana, nervis lateralibus utrinsecus 7—9 utrinque subelevatis, nervulis supra inconspicuis subtus conspicuis; petioli 5—10 mm longi supra inferne sulcati puberuli. Inflorescentiae ♂ puberulae axillares fasciculatae vel in racemum dis-

positae, cyma 1—3-flora, pedunculo 3 mm longo, bracteis triangulari-ovatis, pedicellis 2—3 mm longis, bracteolis infra medifixis ciliolatis; flores ♂ 4-meri, calyce cupuliformi, lobis ovatis vel semiorbicularibus, petalis oblongis basi 1/4 connatis ciliolatis, staminibus petalis paulo brevioribus, ovario abortivo 4-lobo tuberculato; inflorescentiae ♀ fasciculatae axillares puberular, cyma 1—3-flora, pedunculo 1—2 mm longo, pedicellis 3—4 mm longis, bracteolis triangulari-ovatis basifixis; flores ♀ 4-meri, calyce cupuliformi lobis late triangularibus, petalis triangulari-oblongis 2 mm longis puberulis ciliolatis, staminodiis petalis aequilongis vel breviusculis, ovario ovoideo tuberculato, stigmate capitato 4-lobo. Fructus (inmaturati) ellipsoidei, stigmate persistente crasse disciformi vel capitato.

Guangxi (广西): Wuming (武鸣), Yuan Shu-fen (袁淑芬) 6224; Ibid. loc., alt. 978m, fl. viridulis, Apr. 4 1963, 6226 (Typus ♀, IBG); Shanglin (上林) Yuan Shu-fen 6479.

Guangdong (广东): Gaoyao (高要), Dinghu Shan (鼎湖山), Jilong Shan (鸡笼山), alt. 800m, in silvis densis, arbor arbor 12m alta, fr. virid., Mai. 30 1965, Shi Guoliang (石国良) et Huang Shui-di (黄水帝) 2409; Hainan Dao (海南岛), Baisha (白沙) S. K. Lau (刘心祈) 25862; Ruyuan (乳源), Qingjidong (青鸡洞), 30 Apr., Guo Su-bai (郭素白) 80348,

本种在体态上与红珊瑚冬青相似,但本种的小枝、叶的中脉和花序被短柔毛,叶长圆形或椭圆状长圆形,中脉上面隆起,雄花序梗和花梗较长,雄蕊在花期比花瓣稍短,花瓣被短睫毛,子房有小瘤状突起,柱头头状,而与该种不同。